

104.1 Application of database or data structure (e.g., distributed, multimedia, image):

This subclass is indented under subclass 100. Subject matter directed to specific applications of database schema and data structures to commercial, scientific, and medical fields not provided for elsewhere.

(1) Note. The combination of details of database technology with the business data processing is classified in the business art. See SEE OR SEARCH CLASS notes below.

(2) Note. The combination of details of database technology with a nominal recitation of the subject matter of another class is classified herein. Particular fields of use of database technology, performing in combination with the basic subject matter of another class to effect some end other than mere information accessing or retrieval, is classified with the subject matter of the other class, unless specifically excluded therefrom. See the SEE OR SEARCH CLASS notes below.

SEE OR SEARCH CLASS:

- 382, Image Analysis, various subclasses for operations performed on image data with the aim of measuring a characteristic of an image, detecting variations, detecting structures, or transforming the image data, and for procedures for analyzing and categorizing patterns present in image data.
- 600, Surgery, subclasses 300 through 595 for diagnostic testing applications of computers in the life sciences including patient monitoring and medical imaging.
- 700, Data Processing: Generic Control Systems or Specific Applications, subclasses 90 through 306 for data structures in various computer-based applications and in combination with the basic subject matter of another class.
- 703, Data Processing: Structural Design, Modeling, Simulation, and Emulation, appropriate subclasses for simulation.
- 704, Data Processing: Speech Signal Processing, Linguistics, Language Translation, and Audio Compression/Decompression, subclasses 1 through 10 for linguistics.
- 705, Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, for business data processing.
- 706, Data Processing: Artificial Intelligence, appropriate subclasses for artificial intelligence.
- 717, Data Processing: Software Development, Installation, and Management, appropriate subclasses for software development tool.

200 FILE OR DATABASE MAINTENANCE:

This subclass is indented under the class definition. Subject matter directed to generic data, file, and directory upkeep, file naming, and file and database maintenance including integrity consideration, recovery, and versioning.

(1) Note. These subclasses are directed to means and steps for handling of generic files and databases only in computers and digital data processing systems. For the purpose of these definitions, a generic file is defined as a named collection of data. File content and database content authoring, generating, producing, and editing in information processing applications art areas, such as, for example, business data processing machine translation, graphics processing, simulation, animation and software development, is classified elsewhere. See the search class notes below.

(2) Note. This subclass is directed to management and maintenance of files and databases in computers and digital data processing systems and accepts subject solutions working within single memories and across multiple memories. Memory accessing and control and memory management, per se, is classified elsewhere.